

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20010003552"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 12:39
S2	2	"20030131713"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 12:48
S3	2	"08221317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 12:52
S4	2	"2001218165"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:01
S5	3	"2003272302"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:09
S6	5	((NAOKI) near2 (HORI)).INV.	US-PGPUB	OR	OFF	2009/03/18 13:31
S7	47	((NAOKI) near2 (HORI)).INV.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:33
S8	12	((NORIO) near2 (HATANAKA)).INV.	US-PGPUB	OR	OFF	2009/03/18 13:33
S9	54	((NORIO) near2 (HATANAKA)).INV.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:34
S11	106750	"369"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:39

S12	110302	"360"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:40
S13	92336	"365"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:40
S14	48641	"381"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:40
S15	50440	"711"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 13:40
S16	2	"US 20070130418"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/03/18 13:56
S17	83865	(memory storage store storing stored save saving saved) near10 (((fixed set pre\$1set pre \$1determined) near5 (amount capacity size volume quantity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:06
S18	3297	S17 and (((audio auditory aural acoustic music musical voice verbal) near3 (info information data track)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:08
S19	494	S18 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:09
S20	968	S18 and (((file song) near3 (info information name title)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:10

S21	124	S20 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:11
S22	230	S17 near100 (((audio auditory aural acoustic music musical voice verbal) near3 (info information data track)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:11
S23	2	S22 near100 (((file song) near3 (info information name title)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:11
S25	83865	(memory storage store storing stored save saving saved) near10 (((fixed set pre\$1set pre \$1determined) near5 (amount capacity size volume quantity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:20
S26	3297	S25 and (((audio auditory aural acoustic music musical voice verbal) near3 (info information data track)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:20
S27	968	S26 and (((file song) near3 (info information name title)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:20
S28	230	S25 near100 (((audio auditory aural acoustic music musical voice verbal) near3 (info information data track)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:20

S29	2	S28 near100 (((file song) near3 (info information name title)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:20
S30	966	S27 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:20
S31	106750	"369"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 14:21
S32	124	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:21
S33	1273	(((audio auditory aural acoustic music musical voice verbal) near3 (info information data track)) near10 (area region section part piece segment sector portion zone)) near100 (((file song) near3 (info information name title)) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:24
S34	197	S25 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:24
S35	50	S34 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:24
S36	147	S34 not S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 14:48

S37	34934	S25 and ((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 15:21
S38	2424	S25 near100 ((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near10 (area region section part piece segment sector portion zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 15:22
S39	78	S38 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 15:22
S40	5	("5111444"   "5235585"   "5303219"   "5418767"   "6594208").PN. OR ("7342858").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 16:17
S41	837	S38 and (optic optical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 16:34
S42	743	S41 and (disk disc media medium carrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 16:34
S43	425	S38 and ((optic optical) near3 (disk disc media medium carrier record))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 16:35

S44	361	S43 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/18 16:35
S45	5901	((set setting initial initialize initialization) near5 (capacity size amount)) near10 (((audio auditory aural acoustic music musical voice verbal) near5 (info information data track)) mp3 wma compression compressed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 09:58
S46	106802	"369"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 09:58
S47	102	S45 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 09:58
S48	58168	(((default minimum initial) near7 (capacity amount size)) near15 (memory area region section part piece portion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:16
S49	17895	S48 and (audio auditory aural acoustic music musical voice verbal mp3 wma compression compressed compressing song)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:17
S50	10317	S49 and (dsp shock esp anti\$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped vibrate vibration vibrated vibrating seam \$4less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:18

S51	232	S50 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:18
S52	78599	((file management managing) near3 (data info information)) and ((audio music musical voice) near3 (data info information))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:47
S53	11446	S52 and ((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near10 ((area region section part piece segment portion capacity memory size amount) near5 (file management managing audio music musical voice)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:52
S54	7306	S53 and (dsp shock esp anti\$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped vibrate vibration vibrated vibrating seam \$4less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:53
S55	587	S54 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:53
S56	12161	S52 and ((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near10 ((area region section part piece segment portion capacity memory size amount storage) near5 (file management	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:54

		managing audio music musical voice)))				
S57	7802	S56 and (dsp shock esp anti\$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped vibrate vibration vibrated vibrating seam \$4less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:55
S58	604	S57 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:55
S59	2790	S57 and ((audio music musical voice) near5 (compression compressed compressing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:56
S60	238	S59 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:56
S61	22376	((file management managing) near3 (data info information)) near100 ((audio music musical voice) near3 (data info information))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:57
S62	4496	S61 and ((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near10 ((area region section part piece segment portion capacity memory size amount) near5 (file management managing audio music musical voice)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:58



S63	2943	S62 and (dsp shock esp anti\$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped vibrate vibration vibrated vibrating seam \$4less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:58
S64	1451	S63 and ((audio music musical voice) near5 (compression compressed compressing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 10:58
S65	148	S64 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 11:00
S66	3320	S61 and ((memory storage capacity size amount stor\$3 sav\$3) near10(dsp shock esp anti\$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped vibrate vibration vibrated vibrating seam\$4less))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 11:08
S67	1232	S66 and ((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near10 ((area region section part piece segment portion capacity memory size amount) near5 (file management managing audio music musical voice)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 11:09

S68	230322	((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near10 (area region section part piece segment portion capacity memory size amount)) near30 (shock esp anti \$4shock ((digital electronic) near2 shock) interruption interrupt jolt jolting jolted skip skipping skipped vibrate vibration vibrated vibrating seam\$4less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:30
S69	159886	((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near3 (area region section part piece segment portion capacity memory size amount)) near30 (shock esp anti \$4shock ((digital electronic) near2 shock) interruption interrupt jolt jolting jolted skip skipping skipped vibrate vibration vibrated vibrating seam\$4less)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:31
S70	1002	S68 and (mp3 wma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:31

S71	904707	(cost costly (cost near2 effective) economic expensive cheap cheaply price) near10 (area region section part piece segment portion capacity memory size amount)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:35
S72	35046	S68 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:36
S73	7810	S68 near100 S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:36
S74	3374	S73 and (disc disk media medium carrier record)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:36
S75	144671	(cost costly (cost near2 effective) economic expensive cheap cheaply price) near10 (memory storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:37
S76	5291	S68 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:37
S77	551	S68 near100 S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:37
S78	630	S76 and (music)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:43
S79	59	S77 and (music)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:43

S80	85	S77 and (audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:44
S81	16	S77 and (mp3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:59
S82	7	S81 not S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 15:59
S83	966	S76 and (audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:01
S84	118984	(shock esp anti \$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped vibrate vibration vibrated vibrating) near10 (memory storage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:14
S85	4485	S84 and (((file management managing) near3 (data info information)) and ((audio music musical voice) near3 (data info information)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:15
S86	1237	S85 and (((file management managing) near3 (area region section part piece segment portion capacity size amount)) and ((audio music musical voice) near3 (area region section part piece segment portion capacity size amount)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:17

S87	1130	S86 and ((increase increasing increased big bigger large larger small smaller decrease decreased decreasing reduce reduced reducing reduction) near5 (area region section part piece segment portion capacity memory storage size amount))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:18
S88	383	((song audio music musical) near5 (area region)) near10 (increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:22
S89	240	S88 and (disc disk media medium carrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:23
S90	151	S88 and (cost costly (cost near2 effective) economic expensive cheap cheaply price)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:24
S91	966	((set setting initialize initialization) near3 (capacity size amount)) near10 (audio music\$2 song))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:35
S92	135	S91 and (mp3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:36
S93	103	S92 and (shock\$1proof shock\$1proofing shock esp anti\$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:38
S94	449	S91 and (shock\$1proof shock\$1proofing shock esp anti\$4shock ((digital electronic) near2 shock) interruption interrupt skip skipping skipped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 16:45

**3/ 23/ 2009 2:22:12 PM**

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